Title (en)
User session routing between mobile network gateways

Title (de)
Benutzersitzung-Routing zwischen mobilen Netzwerkgateways

Title (fr)
Routage de session d'utilisateur entre des passerelles de réseau mobile

Publication
EP 2542012 A1 20130102 (EN)

Application
EP 12171904 A 20120614

Priority
US 201113172579 A 20110629

Abstract (en)
In general, techniques are described for dynamically redirecting session requests received with a mobile network gateway to another gateway of the mobile network. Heterogeneous static and dynamic capabilities among gateways of the mobile network lead some gateways unable to service a particular session requested by a wireless device attached to the mobile network. A set of policies configured within the gateways by a mobile network operator and applied by the gateway enable the gateway to identify and offload session requests to another gateway of the mobile network that has the present capability to service the session. The policies may define conditions and actions to provide flexible routing of the user session to an appropriate gateway.

IPC 8 full level
H04W 76/02 (2009.01)

CPC (source: EP US)
H04W 76/10 (2018.01 - EP US)

Citation (applicant)
- US 201113172505 A 20110629
- US 2008044181 A1 20080221 - SINDHU PRADEEP [US]
- US 18261908 A 20080730

Citation (search report)
- [X] US 2011131338 A1 20110602 - HU Q JAMES [US]
- [XA] EP 2170000 A1 20100331 - TELIASONERA AB [SE]
- [XA] US 2008254768 A1 20081016 - FACCIN STEFANO [US]

Cited by
EP3079335A1; EP3122111A4; EP3500053A1; US2019190993A1; CN109936877A; WO2015051845A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2542012 A1 20130102; CN 102857987 A 20130102; US 2013007286 A1 20130103

DOCDB simple family (application)
EP 12171904 A 20120614; CN 201210226861 A 20120629; US 201113172579 A 20110629